PROJECT TITLE : Additives and Analytical Services

Period Covered : February 26 - March 24, 1980
Report Written by : A. Widmer
Report Approved by : F. Lopes

ORGANISATION

- Incoming control of additives - Ref.: 1

  A report has been established on the basis of the shipments of additives during the year 1979. In order to improve the efficiency of the incoming control and to get more time to perform the analysis, the following main points have been suggested :

  - The samples have to be taken as soon as the shipment has arrived in Onnens according to the sampling plan "special level S-3" (MIL - STD - 105 D), in function of the number of unities.

  - The incoming control has to be splitted into a preliminary control and a quality control. The preliminary control (visual and olfactive tests, density, refraction f.e.) has to be effected in Onnens on the whole number of samples. The quality control in Serrières has to be carried out on one sample per shipment, provided that no irregularities have been detected during the preliminary tests.

TRIALS WITH NEW SUPPLIERS OF FILTER ADDITIVES

- Activated charcoal (PICA SA, Levallois (France), "Pilot 11184" / yellow sheet 5407, 90 kg) - Ref.: 2

  BRD Test cigarettes with 70 % charcoal (normal PICA and "Pilot 11184") have been produced.

  Smoke analysis : no significant difference could be observed.
  Panel A : The cigarette with 70 % normal PICA has been considered unclean and flat.
  The cigarette with 70 % "Pilot 11184" is clean but too aggressive.

  Upon recommendation of Panel A the department Product development is working with the same charcoal for further filter developments.

TRIALS WITH NEW SUPPLIERS OF GLUES

- Glue for tipping paper (LAESSER AG, Erlinsbach, "1516 G 1" yellow sheet 5535, 1 kg)

  The glue is not more adhesive than the standard. Further trials are not foreseen.

- Glue for tipping paper (LAESSER AG, Erlinsbach, "1516 G 2" yellow sheet 5534, 1 kg)
  The glue is not more adhesive than the standard. Further trials are not foreseen.

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- Filter glue (FULLER GmbH, "Lunabond C 7518"), PMG Munich - Ref.: 3

  The glue gives considerable advantages on the machine. Panel A found a significant difference between the test cigarettes (BSL - IT) and the standard. Not accepted.

PRODUCT QUALITY

- Humectants in "Peter Stuyversant Extra Mild" - Ref.: 4

  In the cigarettes of the Swiss market 1.73 % glycerine has been found, in the cigarettes of the French market 1.78 % glycerine has been found.

- Humectants in "Ernte 23" - Ref.: 5

  1.58 % diethylene glycol has been found.

SERVICES FOR OTHER GROUPS

- Foil mentholating
  32 Analysis of menthol in cigarettes
- Analysis for Mr. M. Regard
  pH, calcium, magnesium, iron and $KMnO_4$ consumption in water samples (4 samples)

REFERENCES

Ref.: 1 : Report A. Widmer, dd. 19.03.1980

Ref.: 2 : Monthly report A. Widmer, August 1979

Ref.: 3 : Letter from A. Widmer to Mr. B.W. Lutzig, dd. 07.03.1980

Ref.: 4 : Letter from A. Widmer to Mr. R. Pantet, dd. 04.03.1980

Ref.: 5 : Letter from A. Widmer to Mr. M. Häusermann, dd. 14.03.1980

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